

Rabbit Integrin beta5 Polyclonal Antibody | anti-ITGB5 antibody

Integrin beta5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA321980	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

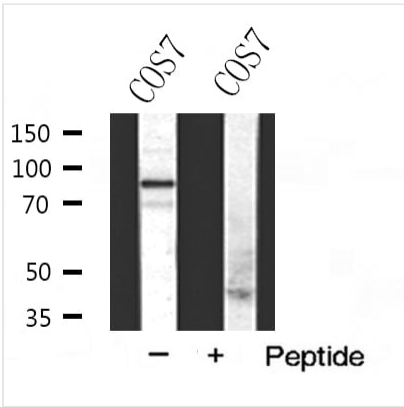
PRODUCT SYNONYMS

Integrin beta5; Polyclonal Antibody; Integrin beta5 Antibody; FLJ26658; Integrin beta-5; Integrin subunit beta 5; integrin; beta 5; ITB5_HUMAN; Itgb5; Testis secretory sperm-binding protein Li 217p; anti-ITGB5 antibody

PRODUCT SPECIFICATIONS

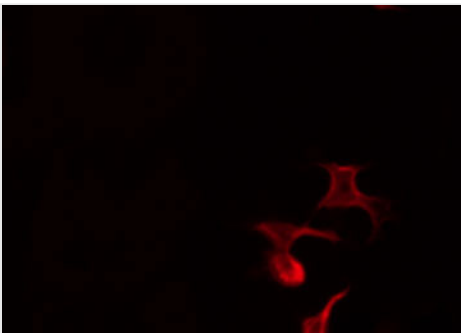
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Integrin beta5 antibody detects endogenous levels of total Integrin beta5
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	799
Applicable Applications for anti-ITGB5 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Integrin beta5
Subcellular Location	Membrane.
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (100%), Zebrafish (81%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (81%), Xenopus (88%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



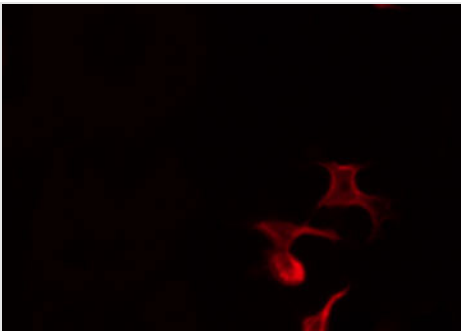
WB (Western Blot)

Western blot analysis of Integrin beta5 expression in COS7 cells



IF (Immunofluorescence)

AAA321980 staining HeLa by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



IF (Immunofluorescence)

AAA321980 staining A549 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-ITGB5 antibody	Function: Integrin alpha-V/beta-5 (ITGAV:ITGB5) is a receptor for fibronectin. It recognizes the sequence R-G-D in its ligand. Subunit Structure: Heterodimer of an alpha and a beta subunit. Beta-5 (ITGB5) associates with alpha-V (ITGAV). Interacts with MYO10 (PubMed:15156152). Interacts with DAB2. Integrin ITGAV:ITGB5 interacts with FBLN5 (via N-terminus) (By similarity). ITGAV:ITGB5 interacts with NOV (PubMed:15611078). Similarity: Belongs to the integrin beta chain family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	20127446
NCBI GeneID	3693
NCBI Accession #	NP_002204.2
NCBI GenBank Nucleotide #	NM_002213.4
UniProt Accession #	P18084; B0LPPF8; B2RD70
Molecular Weight	Observed: 88 kDa Predicted: 89 kDa
NCBI Official Full Name	integrin beta-5 isoform a
NCBI Official Synonym Full Names	integrin subunit beta 5

NCBI Official Symbol	ITGB5
NCBI Protein Information	integrin beta-5
UniProt Protein Name	Integrin beta-5
UniProt Gene Name	ITGB5

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/integrin-beta5-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/321980>